

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A filter device for suppressing electromagnetic interference generated in an alternating current load circuit connected to a power converter with an alternating current output terminals of a power converter, the filter device comprising:

a common mode choke connected between the alternating current output terminals of the power converter and input terminals of the alternating current circuit load; and

a capacitor and a resistor connected in series between connecting element that connects a neutral point of the alternating current load and circuit to a reference potential point having little potential variation at a power source system side of the power converter. [::]

wherein the connecting element includes a capacitor and a resistor connected in series.

2. (canceled)

3. (original) The filter device according to claim 1, wherein the reference potential point is the neutral point at the power source system side of the power converter.

4. (original) The filter device according to claim 1, wherein the power converter is an inverter, and the reference potential point is any one of a plus potential point, a minus potential point, and the neutral point at a direct current input side of the inverter.

5. **(currently amended)** A filter device for suppressing electromagnetic interference generated in an alternating current load circuit connected to a power converter which has [[with]] an alternating current input and an alternating current output, the filter device comprising:

a common mode choke connected to [[an]] the alternating current input terminal side of the power converter; and

a connecting element that connects the neutral point of the alternating current load circuit to a reference potential point having little potential variation at a power source system side of the common mode choke;

wherein the connecting element includes a capacitor and a resistor connected in series between the neutral point of the alternating current load and the reference potential point.

6. (canceled)

7. (original) The filter device according to claim 5, wherein the reference potential point is the neutral point at the power source system side of the common mode choke.

8. **(currently amended)** A filter device for suppressing electromagnetic interference generated in an alternating current load circuit connected to a power converter which has [[with]] a direct current input and an alternating current output, the filter device comprising:

a common mode choke connected to [[a]] said direct current input terminal side of the power converter; and

a connecting element that connects the neutral point of the alternating current load circuit to a reference potential point having little potential variation at a direct current power source side of the common mode choke.

9. (currently amended) The filter device according to claim 8, wherein the connecting element includes a capacitor and a resistor connected in series between the neutral point of the alternating current load and the reference potential point.

10. (original) The filter device according to claim 8, wherein the reference potential point is any one of a plus potential point, a minus potential point, and the neutral point at a direct current input side of the power converter.

11. (currently amended) A filter device for suppressing electromagnetic interference generated in an alternating current load circuit connected to a power converter system, said power converter system including a first power converter with an alternating current input and a direct current output and a second power converter with a direct current input and an alternating current output, the filter device comprising:

a common mode choke connected to and between the direct current output terminals of the first power converter and the direct current input terminals of the second power converter, the alternating current output of said second power converter being connected to the alternating current load circuit; and

a connecting element that connects a neutral point of the alternating current load circuit to a reference potential point having little potential variation at an alternating current input terminal side of the first power converter.

12. (currently amended) The filter device according to claim 11, wherein the connecting element includes a capacitor and a resistor connected in series between the neutral point of the alternating current load and the reference potential point.

13. (original) The filter device according to claim 11, wherein the reference potential point is the neutral point at a power source system side of the first power converter.

14. (currently amended) A filter device for suppressing electromagnetic interference generated in an alternating current load circuit connected to a power converter which has [[with]] an alternating current output, the filter device comprising:

a common mode choke disposed at any one of an input side, an output side, and a direct current link of the power converter; and

a connecting element that connects the neutral point of the alternating current load circuit to a reference potential point upstream of the common mode choke;

wherein the connecting element includes a capacitor and a resistor connected in series between the neutral point of the alternating current load and the reference potential point.

15. (canceled)

16. (original) The filter device according to claim 14, wherein the reference potential point is a point having little voltage variation.

17. (previously presented) The filter device according to claim 14, wherein the reference potential point is the neutral point at a power source system side of the power converter.

18. (previously presented) The filter device according to claim 1, wherein the connecting element does not extends through the common mode choke.

19. (previously presented) The filter device according to claim 5, wherein the connecting element forms no part of the common mode choke.

20. (previously presented) The filter device according to claim 8, wherein the connecting element is separated from the common mode choke.

21. (previously presented) The filter device according to claim 11, wherein the connecting element is free of magnetic coupling to the common mode choke.

22. (previously presented) The filter device according to claim 14, wherein the connecting element forms no part of and is located completely outside the common mode choke.

23. (**new**) The filter device according to claim 1, wherein the alternating current load is an alternating current a motor.